

Fig.1

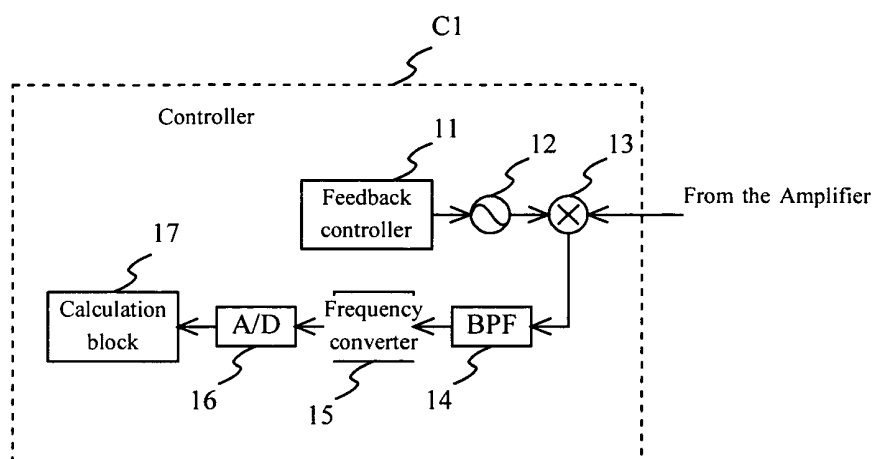
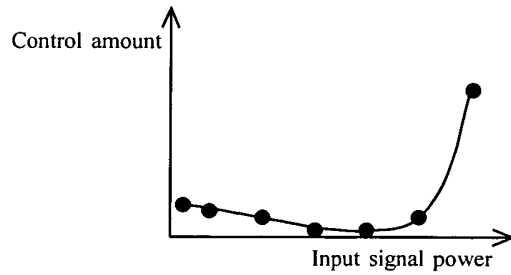


Fig.2

Range of the distortion amount (or error signal) E	Number of interpolation points	Magnitude of E	Number of points in A
$Th1 < E$	A1	<div>Large</div> <div>↓</div> <div>Small</div>	<div>Small</div> <div>↓</div> <div>Large</div>
$Th2 < E \leq Th1$	A2		
\vdots	\vdots		
$Th(N-1) < E \leq Th(N-2)$	A(N-1)		
$0 \leq E \leq Th(N-1)$	A(N)		

Fig.3

(a) Case in which the number of interpolation points is small
(e.g., a table in the midst of convergence)



(b) Case in which the number of interpolation points is large
(e.g., an optimized table)

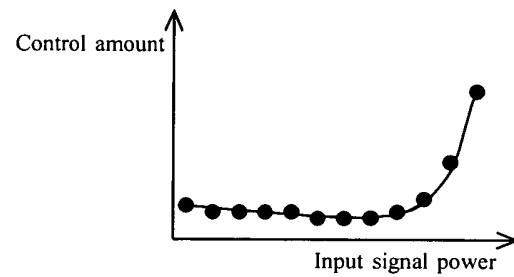
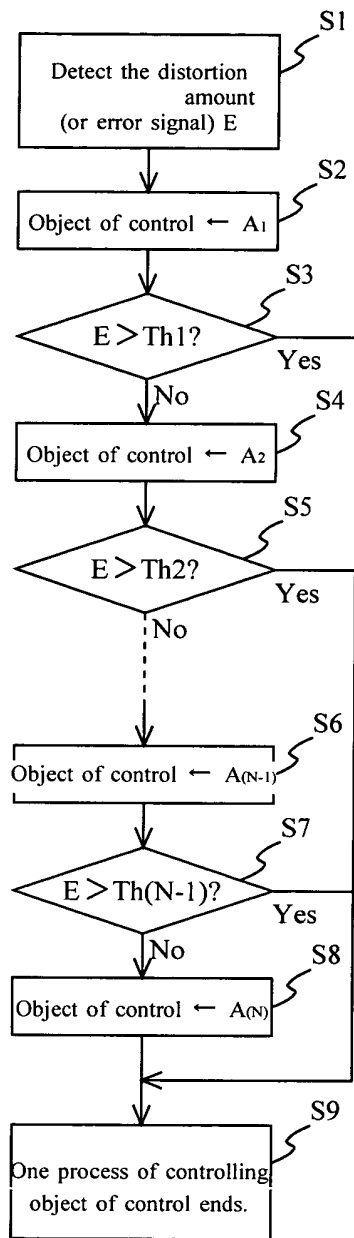


Fig.4



Threshold values for the distortion amount (or error signal) $Th_1 > Th_2 > \dots > Th_{(N-2)} > Th_{(N-1)}$

Fig.5

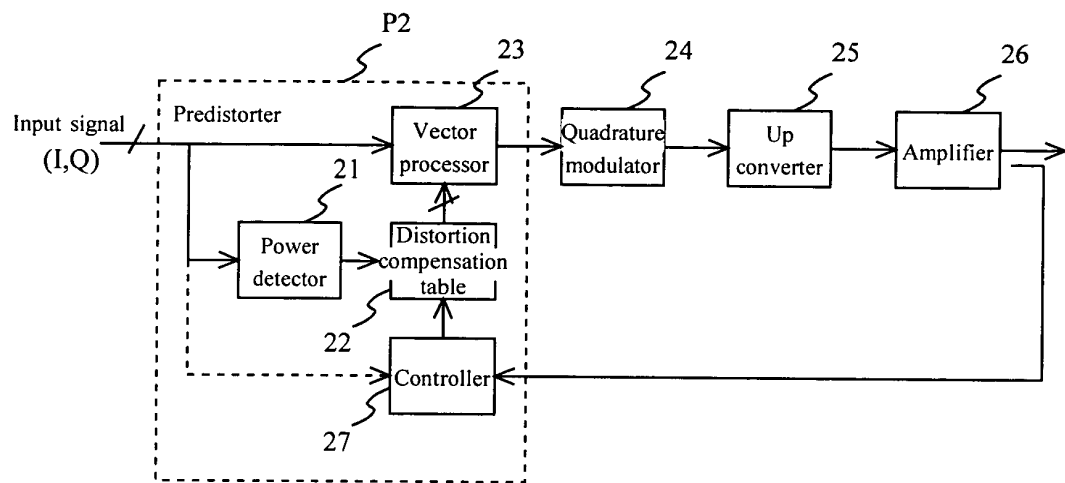


Fig.6

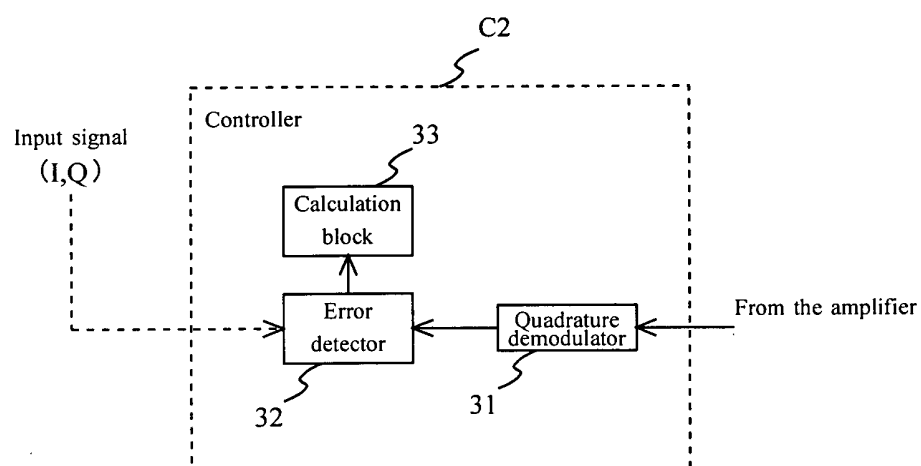


Fig.7

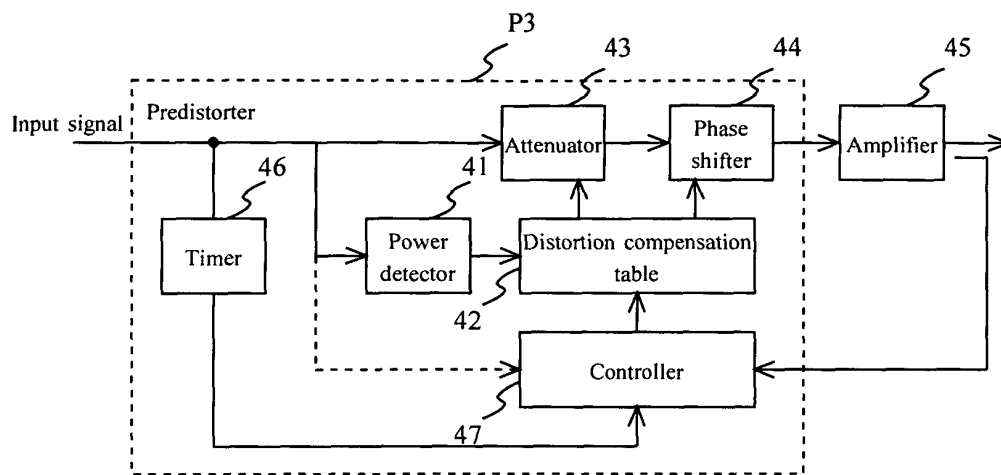
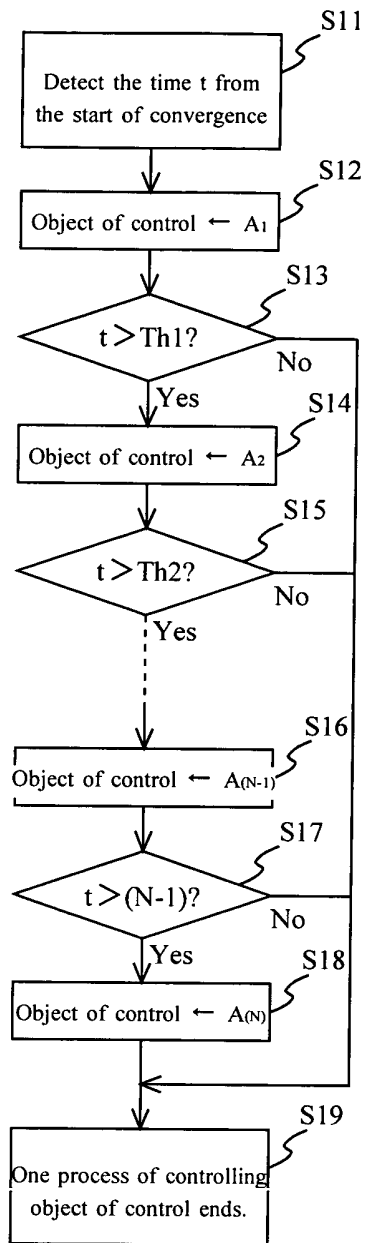


Fig.8

Range of the time t from the start of convergence	Number of interpolation points	Magnitude of t	Number of points in A
$0 < t \leq T_1$	A_1	<div>Small</div> <div>↓</div> <div>Large</div>	<div>Small</div> <div>↓</div> <div>Large</div>
$T_1 < t \leq T_2$	A_2		
\vdots	\vdots		
$T(N-2) < t \leq T(N-1)$	$A(N-1)$		
$T(N-1) < t$	$A(N)$		

Fig.9



Threshold values for time from the start of convergence: $T_1 < T_2 < \dots < T_{(N-2)} < T_{(N-1)}$

Fig.10

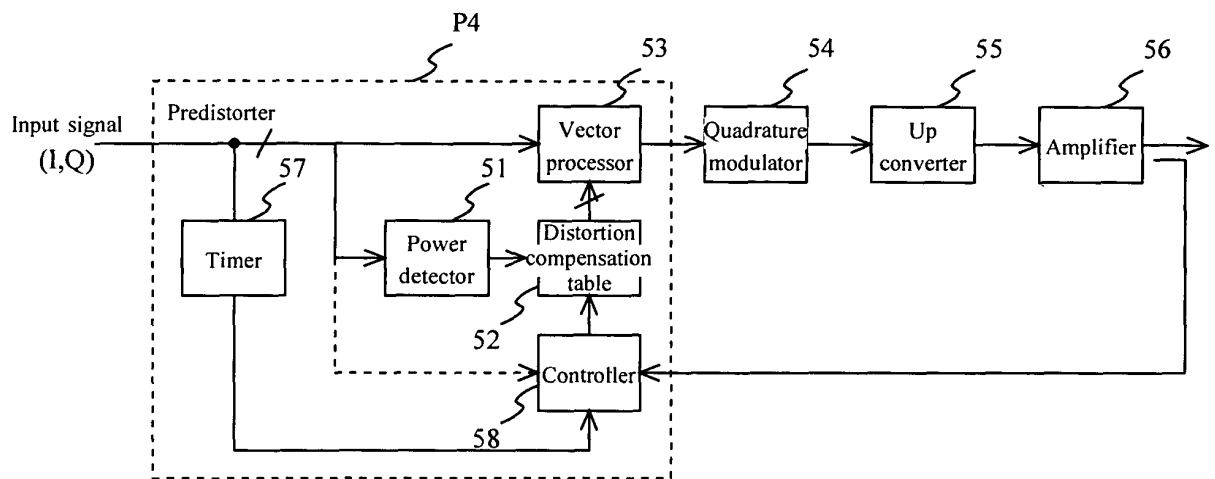


Fig.11

Range of the distortion amount (or error signal) E	Interpolation point update amount	Magnitude of E	Magnitude of the Interpolation point update amount (A)
$Th1 < E$	A1	<div>Large</div> <div>↓</div> <div>Small</div>	<div>Large</div> <div>↓</div> <div>Small</div>
$Th2 < E \leq Th1$	A2		
⋮	⋮		
$Th(N-1) < E \leq Th(N-2)$	A(N-1)		
$0 \leq E \leq Th(N-1)$	A(N)		

Fig.12

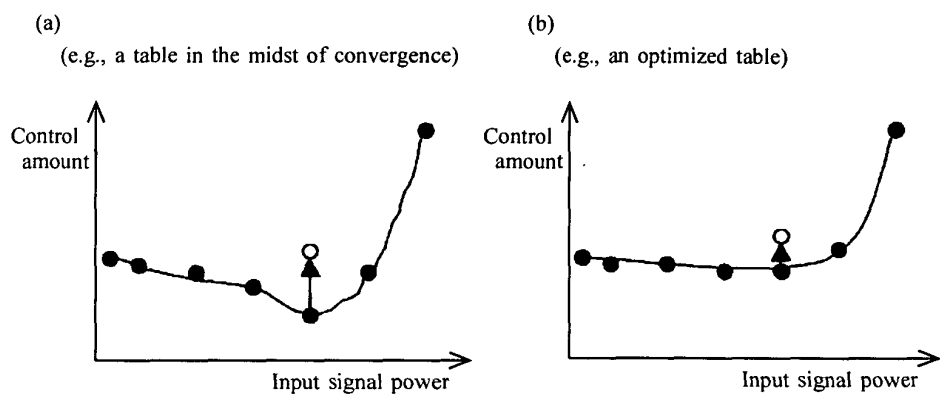


Fig.13



Range of the time t from the start of convergence	Interpolation point update amount	Magnitude of t	Magnitude of the Interpolation point update amount (A)
$0 < t \leq T_1$	A1	Small  Large	Large  Small
$T_1 < t \leq T_2$	A2		
⋮	⋮		
$T_{(N-2)} < t \leq T_{(N-1)}$	A(N-1)		
$T_{(N-1)} < t$	A(N)		

Fig.14

Range of the distortion amount (or error signal) E	Interpolation point update frequency	Magnitude of E	Magnitude of the interpolation point update frequency (A)
$Th1 < E$	A1	<div>Large</div> <div>↓</div> <div>Small</div>	<div>High</div> <div>↓</div> <div>Low</div>
$Th2 < E \leq Th1$	A2		
⋮	⋮		
$Th(N-1) < E \leq Th(N-2)$	A(N-1)		
$0 \leq E \leq Th(N-1)$	A(N)		

Fig.15



Range of the time t from the start of convergence	Interpolation point update amount	Magnitude of t	Magnitude of the interpolation point update frequency (A)
$0 < t \leq T_1$	A1	Small  Large	High  Low
$T_1 < t \leq T_2$	A2		
⋮	⋮		
$T(N-2) < t \leq T(N-1)$	A(N-1)		
$T(N-1) < t$	A(N)		

Fig.16